

Verizon New England Inc.

6. Local Switching**6.1 Line Ports**

6.1.5 Regulations	
A.	For the multi-channel ports of BRI, PRI, DS1 DID/DOD/PBX and TR-08 the customer can request that some or all of the channels be activated at installation. Channels that are activated after the initial installation will incur NRCs.
B.	Prior to the ordering of any unbundled line ports, the customer must submit a network design request (NDR). From the NDR and working with the TC, the Telephone Company will identify the routings of the TC's traffic from the unbundled line ports. Any requirements for customized routings will be identified. The NDR process concludes with the installation of any customized routings and TC specific line class code per end office. This line class code must be provided on all orders requesting unbundled line ports.
C.	The Telephone Company will provide one basic white page, one basic yellow page (for business) equivalent directory, and one directory assistance listing per primary telephone number.
D.	Coin Telephone Ports and PAL Ports are subject to the following provisions. <ol style="list-style-type: none"> 1. The TC is responsible for all rates and charges originating from or accepted at this service. 2. Telephone equipment used with the coin port must be registered in compliance with Part 68 of the FCCs registration program. 3. The TC must conform to any applicable rules and regulations established by the DTE.
E.	Timing and rating of calls by the end users of coin ports will be based on the common timing and rating table.

6.1.6 Application of Rates and Charges	
A.	A monthly charge applies for each line port type and for certain features. In addition, a monthly E911 infrastructure rate applies per telephone number
B.	The following NRCs apply (refer to Part A, Section 3.).
1.	Service Order - applies on a standard basis or an expedited basis, as appropriate. (C)
2.	Service Connection-Central Office Wiring - applies on an initial and per each additional basis, and on a standard basis or an expedited basis, as appropriate.
3.	Manual Intervention Surcharges applies on a standard basis or an expedited basis, as appropriate.
4.	Manual Surcharge - Service Connection – Other - applies on an initial and per each additional basis, and on a standard basis or an expedited basis, as appropriate.
5.	Customer Misdirect-In - applies on a standard basis or an expedited basis, as appropriate.
6.	Customer Not Ready-In - applies on a standard basis or an expedited basis, as appropriate. (C)
7.	Dispatch Out of Hours
8.	(D) (D)

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6.1.6 Application of Rates and Charges	
C.	When the TC requests the suspension or restoral of a line port, a feature charge applies.
D.	When the TC requests activation of one or more features on an established line, a port feature charge applies.
E.	Nonrecurring feature charges apply per port, per feature for call forwarding busy, call forwarding don't answer, call waiting, centrex intercom dialing, customer ringing, speed calling and three way calling.
F.	Service access and interconnection access charge elements contained in Part E (collocation) also apply.
G.	When the TC requests activation of an additional channel or telephone number subsequent to the initial activation of the associated line port, the channel activation subsequent to port installation charge and port feature charge apply.
H.	<p>The NDR will be billed according to the amount of time used to develop the NDR plan and install the necessary routings and line class codes. The amount of time billed will only include time spent by Telephone Company personnel directly involved in the defining, building and installing line class codes and dedicated trunk groups. Work activities that must be performed during the NDR process include the following.</p> <ol style="list-style-type: none"> 1. Defining network plan for the TC's virtual network <ol style="list-style-type: none"> a. Number of entities b. Types of services to be supported c. Blocking requirements d. E911 planning e. Operator/DA support 2. Defining line class codes for each entity to support the TC's traffic 3. Building line class codes per switching entity 4. Downloading line class codes to each entity 5. Engineering any dedicated trunk groups
I.	Line Port Traffic Study — NRCs apply per set up and per week on a standard or expedite basis, as appropriate. (C) (C)

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6. Local Switching**6.2 Trunk Ports**

6.2.5 Application of Rates and Charges	
B.	Usage charges apply for shared trunk ports.
C.	The following NRCs apply (refer to Part A, Section 3).
1.	Service Order applies on a standard basis or an expedited basis, as appropriate. (C)
2.	Manual Intervention Surcharge – applies on a standard basis or an expedited basis, as appropriate. (T)
3.	Service Connection-Central Office Wiring – applies on an initial and per additional basis, and on a standard basis or an expedited basis, as appropriate. (C)
4.	Service Connection-Other – applies on an initial and additional basis, and on a standard basis or an expedited basis, as appropriate. (C)
5.	Customer Not Ready-In – applies on a standard basis or an expedited basis, as appropriate. (T)
6.	Customer Misdirect-In – applies on a standard basis or an expedited basis, as appropriate. (T)
D.	Service access and interconnection access charge elements contained in Part E (collocation) also apply.

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6. Local Switching**6.3 Usage**

6.3.1 Determination of Chargeable Minutes of Use	
A.	TC traffic supporting unbundled arrangements will be measured (i.e. recorded) by the Telephone Company at end office switches or access tandem switches. Originating unbundled calls will be measured by the Telephone Company to determine the basis for computing chargeable access minutes. For originating calls where the off-hook supervisory signal is provided by the customer's equipment, the measured minutes are the chargeable minutes. For originating unbundled calls where the off-hook supervisory signal is forwarded by the customer's equipment when the called party answers, chargeable TC originating unbundled minutes are derived from recorded minutes as follows.
1.	Step 1— Obtain recorded originating minutes and messages, where the off-hook supervisory signal is forwarded by the customer's equipment when the called party answers, from the appropriate recording data.
2.	Step 2— Obtain total attempts by multiplying the originating measured messages by the attempts per message factor. The attempts per message factor is obtained from a sample study which analyzes the number of attempts on the network divided by the number of revenue producing messages (completion). This number is always greater than one. Measured messages times attempts per message factor equals total attempts.
3.	Step 3— Obtain total nonconversation time additive (NCTA) by multiplying the total attempts by the NCTA per attempt factor. The NCTA per attempt factor is obtained from the sample study described in step 2 by measuring the elapsed time during call setup for each network attempt that starts with the completion of a customer (or operator) dialing and ends when the called party answers or the call is abandoned (expressed as a decimal portion of one minute). Total attempts times NCTA per attempt factor equal total NCTA.
4.	Step 4— Obtain total chargeable originating access minutes by adding the total NCTA to the recorded originating measured minutes. Measured minutes plus total NCTA equal chargeable originating minutes.
6.3.2 Application of Rates and Charges	
A.	For the switching and shared transport of calls of an unbundled line port, usage rates will apply according to the Telephone Company network resource that is used.
1.	
2.	
B.	Unbundled Local Switching Charge - Originating (ULSC-O)— Applies for each originating minute of use for the TC's call in the originating switch. Nonconversation time and attempt additives will be added to the recorded conversation time to determine rateable minutes.
C.	Unbundled Local Switching Charge - Terminating (ULSC-T)— Applies for each terminating minute of use for calls terminating to the TC's line port from a third party network and for each of the TC's originating minutes of use for intra-entity calls. For originating minutes of use nonconversation time and attempt additives will be added to the recorded conversation time to determine rateable minutes. It is also one of the elements included in the Unbundled Telephone Company Reciprocal Compensation charge.

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6. Local Switching**6.3 Usage**

6.3.2 Application of Rates and Charges	
D. Unbundled Shared Trunk Port Charge	Applies per minute of use to recover the costs associated with the TC's use of a shared end office trunk port. For originating minutes of use nonconversation time and attempt additives will be added to the recorded conversation time to determine the rateable minutes. This element applies when the associated trunks carry both access and local/toll usage, or as part of the unbundled local common transport charge or unbundled toll common transport charge.
E. Unbundled Tandem Transport Charge	Applies per minute of use to recover the use of shared transport between the end office and the tandem switch. For originating minutes of use nonconversation time and attempt additives will be added to the recorded conversation time to determine the rateable minutes. This element applies when the associated trunks carry both access and local/toll usage, or as part of the unbundled local common transport charge or unbundled toll common transport charge.
F. Composite Local Switching, IOF and Tandem Resources Charges	
1. Unbundled Local Common Transport Charge	This charge recovers the cost of delivering a local call for the originating end office to a termination switch. The rate is applied per minute of use and does not vary according to distance or whether the call was direct or tandem routed. Use of the originating shared trunk port, shared IOF and weighted tandem costs are also recovered. Nonconversation time and attempt additives will be added to the recorded conversation time to determine rateable minutes. This charge applies when a TC utilized the existing Telephone Company network on a shared basis to transport calls within the LATA.
2. Unbundled Toll Common Transport Charge	This charge recovers the cost of delivering a toll call from the originating end office to a terminating switch. The rate is applied per minute of use and does not vary according to distance or whether the call was direct or tandem routed. Use of the originating shared trunk port, shared IOF and weighted tandem costs are also recovered. Nonconversation time and attempt additives will be added to the recorded conversation time to determine the rateable minutes. This charge applies when a TC utilized the existing Telephone Company network on a shared basis to transport calls within the LATA.
3. Tandem Transit Switching Charge	This charge recovers the cost of two shared tandem trunk ports and tandem switching. Nonconversation time and attempt additives will be added to the recorded conversation time to determine the rateable minutes. This charge provides for the involved trunks carrying both access and local/toll usage, or as part of the unbundled local common transport charge or unbundled toll common transport charge.
4. Unbundled Telephone Company Reciprocal Compensation Charge	This charge applies when a local call from a TC's unbundled line port is terminated to a Telephone Company switch. It recovers the costs of unbundled local switching terminating and one shared trunk port.
a.	For intra-entity calls, ULSC-T or intraLATA switch access charge will apply instead of this charge.

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6. Local Switching
6.3 Usage

6.3.2 Application of Rates and Charges	
F. (Continued)	
5.	Unbundled TC Reciprocal Compensation Charge — When a call from an unbundled line port terminates to a TC switch, this charge will be assessed to the originating line port minute in order for the Telephone Company to recover the terminating intercarrier charges that will be assessed to the Telephone Company by the terminating TC. This charge will be a composite of the TC termination charges assessed to the Telephone Company. Unbundled TC reciprocal compensation charge composite rates will be recalculated on a quarterly basis to reflect the average rate per minute paid to CLECs by the Telephone Company over the previous three-month period. The Telephone Company will file with the DTE, for effect immediately, revised tariff pages incorporating the appropriate unbundled TC reciprocal compensation charge rate adjustment. Upon DTE approval, said rates will apply on a prospective basis. In addition, the Telephone Company reserves the right to seek immediate relief at any time should a change in law, regulation or the terms of interconnection agreements materially effect the Telephone Company's reciprocal compensation obligations or the effective reciprocal compensation rate the Telephone Company is obligated to pay CLECs.
6.	Reciprocal Compensation for Interexchange Traffic — When an interexchange call from an unbundled line port leased by a TC terminates to a Telephone Company switch, intraLATA switched access rates apply, as set forth in DTE MA No. 15.
G.	Use of the local switch by the TC's end user will be recorded on the same basis that the Telephone Company records calls for its own customers. Where available, recordings will be utilized to bill local switching usage to the TC and will be provided to the TC for their use in billing their end users.

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6. Local Switching
6.4 Provisions for Other Services

6.4.1 Network Design Request–Group Routings	
A.	Group routings are the translations, routings and screening that the Telephone Company must perform at its end offices and tandems to make the customer's network operate according to the customer's specifications. A request for standard group routings results in the TC's traffic being routed in the same manner as the Telephone Company's equivalent class of traffic. Customized routings allow the TC's traffic to be routed differently than the Telephone Company's traffic.
B.	The TC's routing assignments are identified and implemented through the NDR process. The hourly wage rate applies for performing this work.
C.	A Customized Routing charge, per line, per month, applies to each UNE port or UNE Platform line that is arranged for Customized Routing. (See Part M Section 2.6.1 of this tariff.)

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(N)

6.4.2 Remote Call Forwarding	
A.	With this feature the TC can request that calls be forwarded from an initial telephone number to a second telephone number specified by the TC. The initial telephone number will be afforded a directory listing at no additional charge. Usage of the network to process the call from the initial telephone number to the second telephone number will be charged back to the TC associated with the initial telephone number.

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7. Access to Signaling Systems and Call Related Databases**7.5 Service Management System (SMS)**

7.5.1	Description	
A.	The Telephone Company will provide the TC with a process to create and test AIN-based services on the Telephone Company's Service Creation Environment (SCE).	
1.	After the Telephone Company has tested the TC's new AIN based service for interoperability on the Telephone Company's network, the Telephone Company will make the AIN-based service available on its AIN service control point (SCP) for access from the TC's own network and from the TC's unbundled local switching ports and will provide a process for the TC to create and modify its own end user customer records.	
2.		(D)
3.	Use of the Telephone Company SCE is subject to the procedures outlined in the AIN service creation user guide.	(D)
B.	Line or switch triggers initiate the call processing query to the AIN SCP. It is the responsibility of the TC to either order appropriate AIN triggers from the Telephone Company or provide them in their own network. These are available as optional line port features (AIN triggers) as part of unbundled local switching. Switch triggers are provided subject to CLEC AIN service certification process.	
C.	Service Creation— AIN service creation is unique to each TC. Development of the service logic by the TC is customer specific. Service creation usage will be charged to the TC. Once the service is created, certification testing is required to ensure network and feature capability. These customer specific charges will be applied based on tariff rates for certification and testing found in Part M, Section 2.7.1 of this tariff.. After passing certification, the feature logic will be loaded on the AIN SCP for use solely by the TC. The TC will always be charged an AIN SCP record provisioning charge when the CLEC's AIN service logic is deployed in the Telephone Company SCP.	(C) (C)
D.	AIN Customer Record Administration— TC customer specific call processing records are maintained in the AIN SCP. The Telephone Company will provide a process for the TC to create and modify these records as required. A nonrecurring SCP record provisioning charge will apply for each record created/modified and a monthly SCP record charge is assessed per record resident in the AIN SCP.	

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7. Access to Signaling Systems and Call Related Databases

7.5 Service Management System (SMS)

7.5.1 Description		
E.	AIN Service Queries— Queries are launched to the AIN SCP to access the service applications for call processing information. The AIN SCP will return a response to the querying switch with the call processing instruction. The queries and responses utilize SS7 protocol. A trigger is required at the end office to initiate the query to the AIN SCP. It is the TC's responsibility to provide the trigger from its own network or they may order from the Telephone Company when unbundled switch ports or UNE-Platform are utilized. Triggers are provided subject to CLEC AIN service certification process.	(C)
1.	One AIN SCP query and response message charge will apply for each query and response launched to the Telephone Company's AIN SCP which utilizes AIN SCP processing equivalent to an AIN Call Unit (ACU). Queries utilizing more than one ACU will be charged additional AIN SCP query response message charges equivalent to the amount of ACUs required.	
F.	SS7 Transport— An SS7 transport for AIN message charge will be billed for each query initiated to the SCP database. This charge will also apply for each query initiated to a TC database by a Telephone Company AIN trigger.	

7.5.2 Application of Rates and Charges		
A.	AIN Development— The following rates and charges apply as appropriate.	
1.	NRC— Service Establishment – applies on a standard or expedited basis.	(C)
2.	Monthly— Service Creation Access Port	
a.	Service Creation Usage— applies per 24 hour calendar day of usage.	(T)
b.	Certification and Testing— applies per 15 minute increment.	(T)
c.	Help Desk Support— applies per 15 minute increment.	(T)
d.	AIN SCP Record Provisioning— Applies per 15 minute increment.	
B.	AIN Service Deployment— The following rates and charges apply as appropriate.	
1.	Service Order/Service Activation per UNE port or UNE-Platform Line – applies on a standard or expedited basis.	(N) (N)
2.	AIN SCP and Record Charge (monthly)	(T)
3.	AIN SCP Query and Response Message Charge (per query, per ACU)	(T)

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8. Reserved for Future Use

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10. Access to Operating Support Systems (OSS)**10.1 General**

10.1.1 Description	
A.	The Telephone Company provides access to TCs to the functionalities of the Telephone Company's Operating Support Systems in connection with the purchase of Unbundled Network Elements. This access supports the pre-ordering, ordering, provisioning, maintenance and repair and billing of the unbundled network elements purchased by TCs. (C)
B.	(C) (D) (D)
C.	A monthly OSS ongoing cost recovery charge applies to all UNE loops and UNE-Platform (UNE-P) loops. (C) (C)

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